



# Solar arrays at Highlands Center

Celebrating the Highlands Center Community

As a participant in the Climate Friendly Parks program, Cape Cod National Seashore belongs to a growing network of parks nationwide that are putting greenhouse gas reduction and climate friendly behavior at the forefront of sustainability planning. The Seashore has made the commitment to reduce greenhouse gas emissions and strive to achieve net zero energy use in the future through renewable energy sources.

The Highlands Center Solar Roof Project was completed in 2016 atop the park's Biological Lab (NACL) and Atlantic Research & Learning Center (ARLC) Classroom roofs. It consists of a total of 91 solar photovoltaic (PV) panels with a total system capacity of 28.665 kW. The estimated annual production is equal to the annual electric consumption of 6 houses. Building #14 (ARLC Classroom) has 40 panels and Building #45 (NACL) has 51 panels. Electric offset to annual electric bills is estimated at 63% of projected electric energy use for both buildings.



NACL Solar PV Array



ARLC Classroom Solar PV Array